

**Claims**

1. A freestanding, portable, extendible mast arranged to support a detection device, comprising a plurality of telescopic sections each being moveable between a stored position, and an extended position, wherein the mast is between 30 and 130 feet in length when all the sections are in the elongated position.
2. An extendible mast according to claim 1 which comprises between 5 and 8 sections.
3. An extendible mast according to claim 1 or 2, wherein the sections of the mast are moveable between the stored position and elongated position by hand.
4. An extendible mast according to any of claims 1 to 3, wherein the mast further comprises a drive mechanism for moving the sections between the stored and elongated positions.
5. An extendible mast according to claim 4 wherein the drive mechanism is a chain and sprocket wheel apparatus.
6. An extendible mast according to any preceding claim wherein the sections are moveable between the stored and extended positions, one at a time.
7. An extendible mast according to any preceding claim, further comprising a locking mechanism for locking sections in place once the sections have been moved from the stored position to the extended position.
8. An extendible mast according to any preceding claim further comprising a base.
9. An extendible mast according to any preceding claim upon which a camera is mounted.

10. An extendible mast comprising a plurality of telescopic sections, moveable between a stored position and an extended position, each section being provided with an longitudinal slot, and an aperture; the mast further comprising a chain and sprocket wheel drive mechanism for extending the sections, the chain including a  
5 linker for connecting the chain to the section to be extended.
11. The extendible mast according to claim 10 wherein the linker comprises a body and an aperture, and wherein use, a pin is inserted through the linker aperture into the aperture in the section to be extended.
- 10 12. An extendible mast substantially as described herein, with reference to the drawings.